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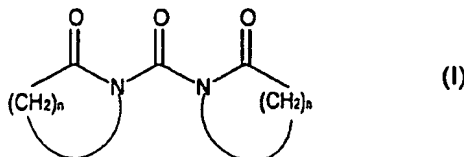
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- (71) Applicant (for all designated States except US): DSM IP ASSETS B.V. [NL/NL]; Het Overloon, NL-6411 TE Heerlen (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MÜLHAUPT, Rolf [DE/DE]; Ferdinand-Kopf-Strasse 9, D-79117 Freiburg (DE). LOONTJENS, Jacobus, Antonius [NL/NL]; Synagogeplantsoen 76, NL-6231 KK Meerssen (NL). MAIER, Steffen [DE/DE]; Stefan-Meier-Strasse 21/31, D-79104 Freiburg (DE). ZIMMERMANN, Jörg [DE/DE]; Kaiser-Franz-Josef-Str. 6, D-6890 Lustenau (DE).
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(54) Title: PROCESS FOR PREPARING BIOCOMPATIBLE POLYUREA



(57) Abstract: A process is provided for preparing urea-containing polymers by contacting a hydroxy-functional organic compound having a functionality of two or more, with a coupling agent in the presence of a strong base, wherein the coupling agent is a carbonylbis lactam compound having the general formula (I): wherein n is an integer from 3 to 15, and that the contacting is conducted at a temperature between 0°C and 80°C. The polymers thus obtained are believed to be new and are useful e.g. in tissue engineering and coatings applications.

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